

DOCKET NO.: 2751.2001-US3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic	ant:	Christopher J. Nagel		
Applic	ation No.:	10/659,149	Group Art U	nit: 1751
Filed:		September 10, 2003	Examiner:	Not Assigned
Confir	mation No.	: 4820		
Γitle:		Composition of Matter Tailo	oring: System I	
		CERTIFICATE OF MAILIN I hereby certify that this correspondence is I Service with sufficient postage as First C Commissioner for Patents, P.O. Box 1450, facsimile transmitted to the United States Pate I-22-OH Hauli Date Hollie Wa	being deposited with the Ulass Mail in an envel Alexandria, VA 22313- ent and Trademark Office Signature	United States Postal ope addressed to -1450, or is being
		Typed or printed name of p	person signing certific	ate
		<u>INFORMATION D</u>	ISCLOSURE STA	<u>ATEMENT</u>
P.O. B	issioner for ox 1450 ndria, VA 2	Patents 22313-1450		
Sir:				
Γhis In	under 37	Disclosure Statement is submitted: CFR 1.129(a), or submission after Final Rejection)		
[X]	(Within any o	CFR 1.97(b), or one of the following time periods: three months of the following time periods: three months of the continued Examination).	of filing national applicat first office action on the	ion (other than a CPA) or date of entry of the national stage merits in a non-provisional application, including a CPA, or a
]	under 37	CFR 1.97(c) together with either:		
	[] a	Statement under 37 CFR 1.97(e), a	as checked below,	or
		\$180.00 fee under 37 CFR 1.17(p) After the 37 CFR 1.97(b) time period, but before		allowance, whichever occurs first)
]	under 37	CFR 1.97(d) together with:		
	[] a	Statement under 37 CFR 1.97(e), a	as checked below,	and
		\$180.00 fee under 37 CFR 1.17(p) Filed after final action or notice of allowance, whi		on or before payment of the issue fee)
]	Applican	CFR 1.97(i): at requests that the IDS and cited ref ayment of issue fee)	ference(s) be place	ed in the application filewrapper.

Statement Under 37 CFR 1.97(e)

[_]	Each ite	em_of_information_contained_in_this_Information_Disclosure_Statement_was_first_cited_in_any			
LJ	commu	nication from a foreign patent office in a counterpart foreign application not more than three prior to the filing of this Information Disclosure Statement; or			
[]	No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.				
Statem	ent Unde	(Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000			
[]	Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.				
[X]	Enclose	ed herewith is form PTO-1449:			
	[X]	Copies of the cited co-pending U.S. applications (AI, AJ and AK) are enclosed.			
	[X]	All cited references are from those entered in prior application, U.S. Application No. 09/416,720, to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references.			
	[]	The listed references were cited in the enclosed International Search Report in a counterpart foreign application.			
	[]	The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:			
		 [] the explanation provided on the attached sheet. [] the explanation provided in the Specification. [] submission of the enclosed International Search Report. [] submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action. [] the enclosed English language abstract. 			

The Examiner is requested to return a copy of list of co-pending U.S. applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

- A check for the fee noted above is enclosed, or the fee has been included in the check with the · [] accompanying Reply. A copy of this Statement is enclosed.
 - [] Please charge Deposit Account 502807 in the amount of \$[]. A copy of this Statement is enclosed.
 - Please charge any deficiency in fees and credit any overpayment to Deposit Account []. [X]

Respectfully submitted,

Carolyn S. Elmore

Registration No.: 37,567 Telephone: (978) 251-3509 Facsimile: (978) 251-3973

Dated: 1/21/04

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 2751.2001 US3	APPLICATION NO. 10/659,149	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	APPLICANTS Christopher J. Nagel	•	_
January 13, 2004 JAN 2 6 2004 (Use several sheets if necessary)	FILING DATE September 10, 2003	confirmation no. 4820	GROUP 1751

	U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE	NAME	
	AA	5,288,342	22 Feb 1994	Job, Robert C.	
	AB	5,308,379	03 May 1994	Ishida, et al.	
	AC	5,362,421	08 Nov 1994	Kropp, et al.	
	AD	5,449,491	12 Sept 1995	Job, Robert C.	
	AE	5,632,826	27 May 1997	Hultin-Stigenberg, et al.	
	AF	5,759,308	02 June 1998	Hultin-Stigenberg, et al.	
	AG	6,008,069	28 Dec 1999	Yamada, Yukata	
	АН	6,192,969	27 Feb 2001	Bunn, et al.	
	AA2	6,277,438	21 Aug 2001	Olivas, John D.	
	AB2	6,303,760	16 Oct 01	Dorn, et al.	
			·····		
		7.			
			,		
	· · ·				

EXAMINER	DATE CONSIDERED

	U.S. COPENDING APPLICATIONS			
		APPLICATION SERIAL NUMBER	FILING DATE	NAME
:	AI	10/659,090	10 Sept 2003	Nagel, Christopher J.
	AJ	10/690,050	21 Oct 2003	Nagel, Christopher J.
	AK	10/690,391	21 Oct 2003	Nagel, Christopher J.
╟──	 		 	
 			·	
l	 			
-				
 	 			
 				
<u> </u>				
				<u> </u>
<u> </u>	<u> </u>	3		
ļ <u>.</u>	ļ			
	ļ			
			4.	
	-		,	
			-	
	 			
 	<u> </u>			
L	_L	<u></u>		1

EXAMINER	DATE CONSIDERED

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 2751.2001 US3	application no. 10/659,149	
INFORMATION DISCLOSURE CATALITY IN AN APPLICATION	APPLICANTS Christopher J. Nagel		
January 13, 2004 JAN 2 6 2004 (Use several sheets if necessary)	FILING DATE September 10, 2003	confirmation no. 4820	GROUP 1751

FOREIGN PATENT DOCUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
AL	04-099236	31 Mar 1992	JP (English Abstract)	
		·		

EXAMINER	DATE CONSIDERED

\\HOMER\SHARED\2751-AOM\2001-US3\2751.2001 US3 (1449).DOC			
PTO-1449 REPRODUCED	attorney docket no. 2751.2001 US3	application no. 10/659,149	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION	APPLICANTS Christopher J. Nagel		
10 JAN 7 0 200. 4	FILING DATE September 10, 2003	confirmation no. 4820	GROUP 1751
RADEMARKO			

		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	AR	Job, Jennifer, "New Carbon Molecules Make Stronger Metals," <i>The World and I</i> , April 1999, pp. 170-177.
	AS	Burstein, et al., "Electrochemically Induced Annealing of Stainless-Steel Surfaces," Nature, 407:885-887 (2000).
	AT	Gorman, J., "New Work Improves Stainless Steel Surface," Science News, 158:263 (2000).
	AU	Weiss, P., "Pores of Glass Skin Shrink from Light," Science News, 158:312 (2000).
	AV	Weiss, P., "Light Pulses Flout Sacrosanct Speed Limit," Science News, 157:375 (2000).
	AW	Weiss, P., "Vibrations Flit Along Water's Fast Lane," Science News, 156:358 (1999).
	AX	Weiss, P., "Electron Breakup? Physics Shake-up," Science News, 158:216 (2000).
	AY	Milius, S., "Wasps Drive Frog Eggs to (Escape) Hatch," Science News, 158:246 (2000).
:	AZ	Gorman, J., "Crystal Reveals Unexpected Beginnings," Science News, 158:84 (2000).
	AR2	Weiss, P., "Voltage Flip Turns Magnetism on, off," Science News, 158:63 (2001).
	AS2	Ohno et al., "Electric-field Control of Ferromagnetism," Nature, 408:944-946 (2000).
	AT2	Weiss, P., "Light Stands Still in Atom Clouds," Science News, 159:52 (2001).
	AU2	Gorman, J., "Strange Crystal Birth Found in Mine," Science News, 158:207 (2000).
	AV2	Holzheld, et al., "Evidence for a Late Chondritic Veneer in the Earth's Mantle From High-Pressure Partitioning of Palladium and Platinum," <i>Nature</i> , 406:396-399 (2000).
	AW2	Kishimoto, et al., "Observation of Nuclear Excitation by Electron Transition in 197 Au with Synchrotron X Rays and an Avalanche Photodiode," The American Physical Society, 85:1831-1834 (2000).
	AX2	Carreyre, et al., "First Direct Proof of Internal Conversion Between Bound States," The American Physical Society, 62:024311-1/024311-8 (2000).
	AY2	Jacoby, Mitch, "Picture-Perfect Orbitals," C&EN, p. 8, September 6, 1999.
	AZ2	Zuo, et al., "Direct Observation of d holes and Cu-Cu Bonding in Cu20," Nature, 401:49 (1999).

EXAMINER	DATE CONSIDERED

-	-	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	AA3	Raloff, J., "Medicinal EMFs: Harnessing Electric and Magnetic Fields for Healing and Health," <i>Science News</i> , 156:316-318 (1999).
	AB3	Weiss, P., "Magnetic Whispers: Chemistry and Medicine Finally Tune into Controversial Molecular Chatter," <i>Science News</i> , 159:42-44 (2001).
	AC3	Weiss, P., "Breaking the Law: Can Quantum Mechanics + Thermodynamics = Perpetual Motion?," Science News 158:234-239 (2000).
	AD3	"Pravda Releases More Info on Sensational Energy Source Discovery," [On-Line], July 12, 2001 [retrieved on 2001-08-27]. Retrieved from the Internet http://www.100megsfree4.com/farshores/nrussen.htm (No Author Cited).
	AE3	Gorman, J., "A Late Arrival for platinum and Gold?," Science News, 158:207 (2000).

EXAMINER	DATE CONSIDERED